

3763

IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): DONOVAN R. LANE

Serial No.: 09/828,545

Examiner: A. Y. Lam

Filing Date: April 7, 2001

Group Art Unit: 3763

Title: SELF-METERING CARTRIDGE



RECEIVED  
MAY 31 2002  
TC 3700 MAIL ROOM

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

- (X) Response/Amendment ( ) Petition to extend time to respond  
( ) New fee as calculated below ( ) Supplemental Declaration  
(X) No additional fee (Address envelope to "Box Non-Fee Amendments")  
( ) Other: \_\_\_\_\_

CLAIMS AS AMENDED BY				SMALL ENTITY		
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	7	MINUS	20	= 0	X	\$ 0
INDEP. CLAIMS	3	MINUS	3	= 0	X	\$ 0
[ ] FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+	\$
EXTENSION FEE	1ST MONTH	2ND MONTH	3RD MONTH	4TH MONTH	\$	
				TOTAL ADDITIONAL FEE FOR THIS AMENDMENT		\$ 0

Respectfully submitted,

By

*Dean P. Edmundson*

Dean P. Edmundson

Attorney/Agent for Applicant(s)  
Reg. No. 25723

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as first  
class mail in an envelope addressed to: Assistant  
Commissioner of Patents, Washington, D.C. 20231.

Date of Deposit: May 17, 2002

Typed Name: Dean P. Edmundson

Signature: *Dean P. Edmundson*

Date: May 17, 2002

Telephone No.: 936-581-6030

IN THE UNITED STATES PATENT & TRADEMARK OFFICE  
Before the Primary Examiner

In re Application of:  
Donovan R. Lane  
Serial No. 09/828,545  
Filed: April 7, 2001  
For: SELF-METERING CARTRIDGE

Group Art Unit: 3763  
Examiner: A. Y. Lam

Attorney Docket No. 263-05

Hon. Assistant Commissioner for Patents  
Washington, D.C. 20231

AMENDMENT

Responsive to the Office Action mailed March 20, 2002,  
please amend the above identified application as follows:

In the Claims

Please amend claim 1 to read as follows:

1. A system for automatically metering a predetermined dosage of a medicament from a multi-dose cartridge, the system comprising:

(a) an elongated tubular cartridge containing said medicament, the cartridge including anterior and posterior ends and a plunger moveable in said cartridge to dispense said medicament through said anterior end; wherein said cartridge further includes tab means in the interior end thereof; wherein said plunger is located between said tab means and said anterior end;

(b) a pistol grip syringe body capable of receiving said cartridge and including a trigger mounted on said body; said trigger being movable;

91 (c) an elongated plunger rod carried by said syringe body and having a forward end axially aligned with said cartridge; and

(d) detent means moveable by said trigger for stopping forward movement of said plunger rod when said detent means contacts said tab means in said cartridge.

---

Please amend claim 3 to read as follows:

---

Q2 3. An elongated tubular cartridge for containing a medicament, said cartridge including anterior and posterior ends and a plunger positioned within said cartridge; wherein said plunger is moveable in said cartridge to dispense said medicament through said anterior end; wherein said cartridge further comprises an interior wall with tab means projecting into said cartridge from said interior wall; wherein said tab means is spaced a predetermined distance from said posterior end; and wherein said plunger is located between said tab means and said anterior end.

---

Please add the following new claims:

---

Q3 6. A pistol grip syringe body dispensing member in accordance with claim 5, wherein said detent means comprises a metering rod connected to said trigger.

7. A system in accordance with claim 1, wherein said detent means comprises a metering rod connected to said trigger.

---